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SIGNIFICANT ACHIVEMENTS OF THE GEOGRAPHY DIVISION

July - December 1957

Note: This listing does not take into considering that work which has not yet appeared in final form. For example, the following reports are in Reproduction: MR-53, CIA/RR-G-18 and 19, CIA/RR-GR-155, 162, 163, 164, 167, and 171, all of which were in process during the subject period. Others are in process of final work in the Division.

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Achievements

Description

Examples

Studies of Soviet Earth Satellite operations for Agency intelligence production

Determination of orbits of Soviet Earth Satellites, and applications of Earth Satellites for geodetic purposes

Oral support to OSI. Compilation of maps of orbits of the Soviet Earth Satellites for OSI and Destined for NSC via the DCI.

Studies of Soviet IGY plans and activities; estimates of implications thereof to Soviet capabilities -- scientific and military

Studies of organizations, personnel, and plans in IGY programs for estimates of implications to Soviet capabilities in science, data collection and military end-use application

Prepared annex to OSI report PD-646 on the organization and plan for Soviet IGY World Data Center

Proposed exchange of US-Soviet scientists

Development of interdepartmental coordinated programs for exchanges

Preparation of background paper for OGB coordination of plans for travel of US scientists to USSR.

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Achievement

Description

Examples

Intelligence briefing on Soviet interests and gains related to granting of export licenses for geodetic instruments to Soviet Bloc Countries

Analysis of strategic implications and Soviet Bloc needs for unique geodetic instruments.

Informal memo to State member on Informal Working Group on IGY describing strategic significance of Worden gravimeters. Draft letter for AD/RR on strategic significance of Worden gravimeters ordered by Poland. AD/RR letter sent to Deputy Asst. Secy for Internal Affairs, Dept. Commerce. Commerce revoked licence.

Intelligence support to DD/P planning and collection activities for Soviet topographic maps and geodetic information

Preparation of intelligence on Soviet mapping organizations, personnel and collection targets for collection guidance.

Conferences with DD/P personnel. Evaluation of map materials transmitted under SO memo No. 5076. Guidance provided on type of maps required.

Estimates of Soviet capabilities and programs in guided missiles

Analysis and appraisals of Soviet mapping organizations, personnel, and capabilities as applicable to Soviet target positioning for guided missile operations.

G/I-235, Soviet Capabilities in Geodesy through 1967:
CIA/RR-GR-165, Possible Soviet Guided Missile Launching Sites and Ranges to NATO and SAC Targets;

CIA/RR-GR-166: Probable United States and USSR Geodetic Accuracies between ICBM Launch Sites and Targets.

Contribution to AD/SI letter [REDACTED] providing answer to questions on Soviet capabilities to effect geodetic ties and value of Soviet Earth Satellites to establish geodetic ties.

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Achievement

Description

Examples

Briefing of
DCI on Soviet
Antarctic
developments
for his
briefing of NSC
in connection
with NSC 57-15/1

Summary, description and analysis of Soviet
Antarctic achievements and implications relative to
their long-range intentions as they may affect
U.S. interests in Antarctica

G/I-224 and 225.
Oral briefing of DCI
and accompanying him
to NSC meeting

Membership on
Working Group
on Antarctica,
OCB, for
preparation of
US operations
planning and
coordination
in Antarctica
as defined by
NSC 5715/1

Oral briefings on Soviet plans, activities, intentions,
capabilities, and achievements in Antarctica for
reflections of US plans and operations. Analysis of
Soviet plans and intentions inimical of US interests

Review of State Depart-
ment draft of guidance
letter to USNC-IGY for
the Fourth Antarctic
Conference, IGY.

Contributions to OCI
Weekly.

Provision of intelligence
views in conferences with
State-PSO on US
foreign policy moves in
Antarctica

Surveys by Navy
personnel on
adequacy and quali-
ty of available Soviet
maps for US-guided
missiles target
requirements

Analysis of quality and coverage in terms of
adequacy for the distinctive requirements of
guided missile target requirements.

Oral briefings to ONR as
well as personnel of
of Applied Physics Lab.
of Johns Hopkins Univ.,
contractor to US Navy on
missile development.

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Achievement

Description

Remarks

Intelligence support
for operational
activity, DD/P

Geographic intelligence support for the Project

CIA/RR-GR-159, Code: [REDACTED]

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Ditto

Selection of a drop zone actually used by DD/P
in the Far East. The study by D/CG was highly
commended by people doing the drop.

Follow-up activity to
CIA/RR-GR-106,
Code: [REDACTED]

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Achievement

Description

Examples

Geographic studies in support of CIA and joint un-conventional warfare operational planning activities

Through the unified commands the respective Service components have placed upon CIA requirements for development of clandestine assets to perform various types of missions such as escape and evasion support, sabotage and reception of Army Special Force teams. The Geography Division has produced feasibility studies of countries of interest that achieves standardization and compatibility of area selection to meet the UW needs of the respective Services. Two primary types of areas are described: a. Areas suitable and feasible for use as multipurpose un-conventional-warfare base areas. b. Areas suitable and feasible for use as refuge areas for personnel isolated in enemy territory.

CIA/RR-GR-109 through 120.
CIA/RR-GR-168.

Ditto

Evasion geographies designed to provide escape and evasion personnel at all levels of command with basic reference material applicable to the planning, briefing, and conduct of evasion and escape

CIA/RR-GR-161, Evasion Geography of Germany

Geographic intelligence support for DD/P field stations

Compilation and presentation in graphic form, evaluated information concerning major roads, railroads, and inland waterways in Communist China

CIA/RR-GR-157, Transportation Facilities of Communist China

Ditto

Detailed urban area studies, with photomosaics and overlands, that include: Detailed description of the city; accessibility to the city or target by rail, road, air, and water; discussion of all aspects of transportation as related to the target; environmental factors including climate, cover and concealment, and movement.

CIA/RR-GR-156, Target Brochure: Najin

Achievement	Description	Examples
Intelligence support for DD/P--research requested but having wider utility within the IAC Community	Preparation of detailed geographic intelligence studies on critical border areas.	CIA/RR-GR-160, Transborder Routes from the Indian Subcontinent to Sinkiang and Tibet
Intelligence support, Department of State	The possibility of Soviet territorial gain in the Caspian Sea was discussed with the Department of State and a memorandum prepared for the AD/RR, pointing out the need for creating a firm Iranian position favorable to the West.	G/I-243, Possible Soviet Territorial Gains in the Caspian Sea
As a result of the Area Briefings, initiated during the latter half of 1957	Soviet Opportunities in Syria -- a memorandum sent through channels to the DD/I dealing with Soviet interest in the Hatay question and the relationship of Syria and Turkey	G/I-240, Soviet Opportunities in Syria
Intelligence support for H T Automat	A search for, collection of, and consultation on materials dealing with six areas in the Middle East.	25X1A2g G/S-23, Code: [REDACTED]
Ditto	Preparation of detailed geographic intelligence studies on selected critical areas	Seven memorandums prepared: G/I-232, 233, 236, 238 and 238.1, 239 and G/S-25 (Codes: [REDACTED])
Determination of possible guided missile testing ranges in the USSR	Analysis of geographic factors within the USSR that would influence the selection of GM ranges and plotting locations.	25X1A2g CIA/RR-GR-148, Possible Guided Missile Testing Ranges in the USSR

Achievement

Description

Examples

Geographic
intelligence
support in
the field of
atomic energy

Analysis of elevation as a restrictive factor
to proposed surveillance of nuclear testing
activities

CIA/RR-GR-147 and 147.1,
Selected Observation Points
in the Semipalatinsk Region

Geographic
support to
other components
of ORR

Evaluations of and comments on agricultural
analogues produced by consultant for N/AG/RR

G/I-229, Comments on Corn
Production Possibilities in
in the Soviet Union, by

25X1A5a1

G/I-241, Comments on the
Summary of Climatic Analogies
Between Soviet and North
American Grain Growing Areas,
by

25X1A5a1

National
Intelligence
Survey

Coordination of contributions from other
government agencies in the preparation of
Chapter IX, Map and Chart Appraisal, and
Section 19, Chapter I, Brief, of the
National Intelligence Survey

Three Chapters IX and
three Sections 19 of
Chapter I were produced.
(Two Chapters IX and
and 1 Section 19 of Chapter
also produced in June 1957)

Achievement

Description

Examples

A study to supply a long-existing need for an accurate map showing the rail network throughout Latin America

A short analysis of the current situation regarding railroads in Latin America, with three contiguous maps which show all lines by gauge and ownership in the entire area. 425 copies of the maps were distributed by the State Department at the Pan American Railway Congress, Buenos Aires.

G/E-76, Railroads in Latin America.

As an outgrowth of the Suez crisis, a study was called for on the oil situation in Latin American

A fairly detailed summary of the status of petroleum in each Latin American country

CIA/RR-G-17, Petroleum in Latin America

Assistance to the Office of Training

Lectures by D/GG personnel on various geographic intelligence subjects.

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